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PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT
(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference pq3251	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International Application No. PCT/AU00/01208	International Filing Date (day/month/year) 4 October 2000	Priority Date (day/month/year) 5 October 1999
International Patent Classification (IPC) or national classification and IPC Int. Cl. ⁷ F21V 21/36, E04H 12/18, 12/34		
Applicant PANNEKOEK, Robert John		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.
- ☒ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 3 sheet(s).

3. This report contains indications relating to the following items:

- | | | |
|------|-------------------------------------|---|
| I | <input checked="" type="checkbox"/> | Basis of the report |
| II | <input type="checkbox"/> | Priority |
| III | <input type="checkbox"/> | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| IV | <input type="checkbox"/> | Lack of unity of invention |
| V | <input checked="" type="checkbox"/> | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| VI | <input type="checkbox"/> | Certain documents cited |
| VII | <input type="checkbox"/> | Certain defects in the international application |
| VIII | <input type="checkbox"/> | Certain observations on the international application |

Date of submission of the demand 1 May 2001	Date of completion of the report 19 September 2001
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer RAJEEV DESHMUKH Telephone No. (02) 6283 2145

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GROUP 3600

I. Basis of the report**1. With regard to the elements of the international application:***☐ the international application as originally filed.☒ the description, pages 1-6, as originally filed,

pages , filed with the demand,

pages , received on with the letter of

☒ the claims, pages , as originally filed,

pages , as amended (together with any statement) under Article 19,

pages , filed with the demand,

pages 7-9, received on 12 September 2001 with the letter of 11 September 2001

☒ the drawings, pages 1/7-7/7, as originally filed,

pages , filed with the demand,

pages , received on with the letter of

☐ the sequence listing part of the description:

pages , as originally filed

pages , filed with the demand

pages , received on with the letter of

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).☐ the language of publication of the international application (under Rule 48.3(b)).☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:**☐ contained in the international application in written form.☐ filed together with the international application in computer readable form.☐ furnished subsequently to this Authority in written form.☐ furnished subsequently to this Authority in computer readable form.☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished**4. ☐ The amendments have resulted in the cancellation of:**☐ the description, pages☐ the claims, Nos.☐ the drawings, sheets/fig.**5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).****

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-12	YES
	Claims	NO
Inventive step (IS)	Claims 1-12	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-12	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

DE 2733571 A (KESSEL) discloses a pipe joint with swivel adjustment for angle. The joint has flanges mounted at 45 degrees for coaxial to right angle pipe fixture. The agent for the applicant observes that *This citation discloses a flange coupling for two pipes. The present invention is in respect of "an elongate member for locating an article remote from a base position." We submit that this is clearly a different article, in a completely separate field. As such this citation does not deprive the present application of novelty. We note also that the claim defines an outer elongate portion being arranged to receive [an] article. This feature is not present in the citation. Further we submit that a person skilled in the present art would not regard this citation as being relevant to the present art and would certainly not regard it as obvious to combine this citation with any other prior art to achieve the present invention.*

DE 2918532 A (PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH) discloses an outdoor lamp with cylindrical casing. The casing is pivoted to mount and comprises two parts rotating with respect to one another about inclined axis. GB 1581928 A (ROTAFLEX [GREAT BRITAIN] LIMITED) discloses a universal spotlight and in particular a spotlight fitting comprising a mounting part and a lampholder part which are connected together in a manner permitting relative rotation therebetween about an axis inclined relative the main axes. The agent for the applicant observes that *These citations disclose means for angling the direction of a light from a fixed location. As in the above case, these citations are thus not in respect of "an elongate member for locating an article remote from a base position." The citations do not disclose any base position from which an inner elongate member extends. We submit that the present invention is novel with respect to these citations. We submit further that the present invention provides an inventive solution to a completely different problem to that disclosed in these citations. The question of angling a light to point in a particular direction is completely separate to the question of providing ready, safe access to an article located remote from a base position. The skilled worker in the field would not regard it as obvious to apply the light angling technique of these citations to the prior art.*

US 3355847 A (PRATT) discloses a street lighting column comprising two parts hinged together. The agent for the applicant observes that *This citation provides a good example of the very problem the present invention is seeking to overcome, namely the vertical movement of an article remote from the base portion inherent in such hinged arrangements. As discussed above, it would not be obvious to a person skilled in the art to combine this citation with any of the above citations taken from distinct arts.*

In lights of the above observations by the agent for the applicant, the invention defined in claims 1-10 can be considered to be novel, to involve an inventive step, and to be industrially applicable.

CLAIMS

1. An elongate member for locating an article remote from a base position, characterised in that the elongate member comprises an inner elongate portion, the inner elongate portion extending, in use, from the base position, an outer elongate portion, the outer elongate portion being arranged to receive the article, and interconnecting means, the interconnecting means being arranged to connect the inner elongate portion to the outer elongate portion and to permit relative rotation of the inner and outer portions about an axis of rotation, the axis of rotation being disposed at an acute angle relative to a longitudinal axis of the inner elongate portion.

2. An elongate member according to Claim 1, characterised in that the outer elongate portion is arranged to move between a first position whereby the outer elongate portion is substantially parallel to the inner elongate portion and a second position whereby the outer elongate portion is substantially perpendicular to the inner elongate portion.

3. An elongate member according to Claim 1 or Claim 2, characterised in that the acute angle is between 30° and 60°.

4. An elongate member according to any one of the preceding claims, characterised in that the interconnecting means includes a first plate member fixedly attached to the inner elongate member at an end remote from the base position, and a second plate member fixedly attached to the outer elongate member at an end remote from the article wherein, in use, the first plate member is located adjacent the second plate member.

5. An elongate member according to Claim 4, characterised in that the first plate member has an upper surface and the second plate member has a lower surface, the upper surface of the first plate member being adjacent the lower surface of the second plate member in use, and the axis of rotation being perpendicular to the upper surface of the first plate member.

6. An elongate member according to Claim 4 or Claim 5, characterised in that the interconnecting means includes a fixing means, the fixing means being arranged to releasably engage the first plate member and the second plate member such that, in use, when the first and second plate members are engaged by the fixing means relative rotation of the first and second elongate members is restricted.

7. An elongate member according to Claim 6, characterised in that the fixing means includes a third plate member, the third plate member including a centrally disposed aperture and being arranged to locate, in use, about the outer elongate portion and adjacent the second plate member, wherein adjustable connection means is arranged to connect the first plate member and the third plate member such that tightening of the adjustable connection means engages the fixing means.

8. An elongate member according to any one of Claims 4 to 7, characterised in that the first plate member has at least one aperture, and the second plate member has at least one aperture, and wherein the aperture of the first plate member is adjacent to the aperture of the second plate member when the first elongate portion and the second elongate portion are arranged in a particular position, and wherein the interconnecting means includes a pin member arranged, in use, to locate within the aperture of the first plate and the aperture of the second plate and thus restrict relative rotation of the inner elongate member and the outer elongate member.

9. An elongate member according to Claim 8, characterised in that the second plate member has a first aperture and a second aperture and wherein rotation of the outer elongate member relative to the inner elongate member causes an aperture of the first plate member initially adjacent the first aperture of the second plate member to be subsequently adjacent the second aperture of the second plate member.

10. An elongate member according to any one of the preceding Claims, characterised in that the interconnecting means includes a cylindrical portion arranged to be coaxial with the axis of rotation, and wherein the cylindrical portion extends

from one of the inner and outer elongate portions and wherein the other of the inner and outer portions includes an aperture arranged to receive the cylindrical portion.

5 11. An elongate member according to any one of the preceding Claims, characterised in that the article includes a light source.

12. An elongate member according to any one of the preceding claims, characterised in that the inner elongate portion is arranged to be mounted to a surface at the base position.